

UNITED STATES PATENT AND TRADEMARK OFFICE

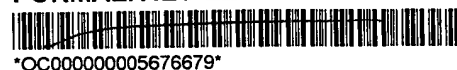
COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/725,704 | 11/29/2000 | Thomas J. Cloonan | 4807.00017 |

CONFIRMATION NO. 8828

22908
BANNER & WITCOFF LTD
TEN SOUTH WACKER DRIVE
SUITE 3000
CHICAGO, IL 606067407

FORMALITIES LETTER



OC000000005676679

Date Mailed: 01/12/2001

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Cloonan et al.
Serial No.: 09/725,704
Filing Date: November 29, 2000
Title: Method and Apparatus for Preventing Re-Ranging and
Re-Registration of Cable Modems During Protection Switching
Between Active and Spare Cable Interface Cards in a Cable
Modem Termination System
Docket No. 4807.00017

BOX MISSING PARTS
Assistant Commissioner for Patents
Washington, DC 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number: EL707797005US

Date of Deposit: March 12, 2001

I hereby certify that the following attached paper

Response to Notice to File Corrected Application Papers; copy of Notice to File
Corrected Application Papers; drawings (7 sheets); transmittal form; fee
transmittal and duplicate; return postcard;

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee"
service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant
Commissioner for Patents, BOX MISSING PARTS, Washington, D.C. 20231.

Christine A. Jazkowski

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Docket No. 4807.00017)

| | | |
|--|---|--------------------|
| IN RE APPLICATION OF |) | |
| Thomas J. Cloonan et al. |) | |
| |) | Examiner: na |
| Serial No. 09/725,704 |) | |
| |) | Group Art Unit: na |
| Filed: November 29, 2000 |) | |
| |) | |
| For: Method and Apparatus for Preventing |) | |
| Re-Ranging and Re-Registration of Cable |) | |
| Modems During Protection Switching |) | |
| Between Active and Spare Cable Interface |) | |
| Cards in a Cable Modem Termination |) | |
| System |) | |

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS
FILING DATE GRANTED

BOX MISSING PARTS
Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

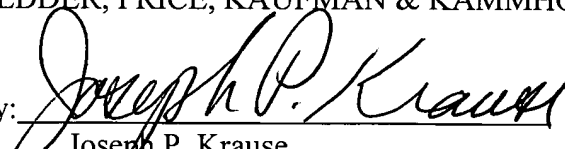
In response to the Notice to File Corrected Application Papers mailed January 12, 2001, applicant hereby submits corrected drawing pages (7 sheets) with respect to the above referenced patent application. A copy of the Notice To File Corrected Application Papers is also enclosed.

Respectfully submitted,

VEDDER, PRICE, KAUFMAN & KAMMHOLZ

Date: 3-12-2001

By:


Joseph P. Krause
Reg. No. 32,578



03-13-01

SECTOR

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

| | |
|------------------------|-------------------|
| Application Number | 09/725,704 |
| Filing Date | November 29, 2000 |
| First Named Inventor | Thomas J. Cloonan |
| Group Art Unit | na |
| Examiner Name | na |
| Attorney Docket Number | 4807.00017 |

Total Number of Pages in This Submission **13****ENCLOSURES (check all that apply)**

| | | |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): -Certificate of Mailing -Notice to File Corrected Application Papers -Response to Notice to File Corrected Application Papers -Return Postcard |
| Remarks | | |

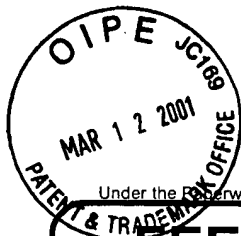
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|------------------|
| Firm or Individual name | Joseph P. Krause |
| Signature | |
| Date | 3-12-2001 |

CERTIFICATE OF MAILINGI hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as "Express Mail post office to addressee" addressed to Commissioner for Patents, Washington, DC 20231 on this date March 12, 2001

| | |
|-----------------------|------------------------|
| Typed or printed name | Christine A. Jaszowski |
| Signature | |
| Date | 3-12-01 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)⁰

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 09/725,704 |
| Filing Date | November 29, 2000 |
| First Named Inventor | Thomas J. Cloonan |
| Examiner Name | na |
| Group Art Unit | na |
| Attorney Docket No. | 4807.00017 |

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 22-0259
Deposit Account Name: Vedder Price Kaufman & Kammholz

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 710 | 201 355 | Utility filing fee | |
| 106 320 | 206 160 | Design filing fee | |
| 107 490 | 207 245 | Plant filing fee | |
| 108 710 | 208 355 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$)⁰

2. EXTRA CLAIM FEES

Total Claims: - 20** = X =
Independent Claims: - 3** = X =
Multiple Dependent: =

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 80 | 202 40 | Independent claims in excess of 3 |
| 104 270 | 204 135 | Multiple dependent claim, if not paid |
| 109 80 | 209 40 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)⁰

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 390 | 216 195 | Extension for reply within second month | |
| 117 890 | 217 445 | Extension for reply within third month | |
| 118 1,390 | 218 695 | Extension for reply within fourth month | |
| 128 1,890 | 228 945 | Extension for reply within fifth month | |
| 119 310 | 219 155 | Notice of Appeal | |
| 120 310 | 220 155 | Filing a brief in support of an appeal | |
| 121 270 | 221 135 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,240 | 241 620 | Petition to revive - unintentional | |
| 142 1,240 | 242 620 | Utility issue fee (or reissue) | |
| 143 440 | 243 220 | Design issue fee | |
| 144 600 | 244 300 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 50 | 123 50 | Petitions related to provisional applications | |
| 126 240 | 126 240 | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 710 | 246 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 710 | 249 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 710 | 279 355 | Request for Continued Examination (RCE) | |
| 169 900 | 169 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)⁰

SUBMITTED BY

Name (Print/Type) Joseph P. Krause

Registration No. 32,578
(Attorney/Agent)

Complete (if applicable)

Telephone 312-609-7536

Signature

Joseph P. Krause

Date March 12, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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